bottom surface of the seat cushion, wherein the air flow [path] channel [having] has an inlet adjacent the bottom surface of the seat cushion for receiving temperature conditioned air therein, and further [having] has an outlet adjacent the top surface of the seat cushion for dispensing temperature conditioned air therefrom; and [with an integral plurality of air channels proximate an outer surface of the support member; the outer surface of the support member connecting to]

a porous member which substantially covers the [outer] top surface area of the [support member] seat cushion[, the porous member having an interface with the integral plurality of air channels]; and

a seat covering substantially encapsulating the porous member to the [support member] seat cushion.

2. (Amended) An apparatus as defined in claim 1 wherein the [support member] seat cushion comprises a fiberglass reinforced plastic.

3. (Amended) An apparatus as defined in claim 1 wherein the [support member] seat cushion comprises a foam.

4. (Amended) An apparatus as defined in claim 1 wherein the [support member] seat cushion comprises a cellular spongy material.

5. (Amended) An apparatus as defined in claim 1 wherein the porous member comprises;

a first porous member that is disposed adjacent and substantially covers the top surface of the seat cushion; and

a second porous member[, the outer surface of the support member connecting to the first porous member which substantially covers the outer surface area of the support member, the first porous member having an interface with the integral plurality of air channels; and the second porous member] substantially encapsulating the first porous member.

32. (Amended) Apparatus for selectively varying the environmental temperature of a vehicle seat comprising:

a [cellular spongy material cushion forming a] support member in the seat formed from a resilient material, wherein the support member includes: [having]

an integral air flow [path] channel that extends through the support member from a bottom surface to a top surface of the support member, the air flow [path] channel having an inlet at the bottom surface of the support member for receiving temperature conditioned air therein, and further having an outlet at the top surface of the support member for dispensing temperature conditioned air therefrom; and [with]

[an integral plurality of] at least one air [channels] subchannel integral with and extending along [proximate an outer] a top surface of the [cushion] support member, wherein the air subchannel is connected with the outlet of the air flow channel; and

[the outer surface of the cushion connecting to]

a porous member [reticulated foam] which substantially covers the [outer] top surface area of the [cushion] support member, the [reticulated foam] porous member having an interface with the [integral plurality of] air [channels] subchannel; and

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[an air permeable] a seat [covering] cover that substantially [encapsulating] encapsulates the [reticulated foam] porous member to the [cushion] support member.

Please add new claims 40-47 as follows:

40. An apparatus as defined in claim 1 further comprising at least one air subchannel that is integral with and extends along the top surface of the seat cushion, wherein the air subchannel is connected with the outlet of the air flow channel, and wherein the porous member is contact with the air subchannel.--

-- 41. An apparatus as defined in claim 40 further comprising an air manifold integral with and extending along the top surface of the seat cushion, wherein the air manifold is interposed between the outlet of the air flow channel and the air subchannel to facilitate the distribution of temperature conditioned air therebetween.--

-- 42. An apparatus as defined in claim 32 wherein the porous member comprises;

a first porous member that is disposed adjacent and substantially covers the top surface of the support member; and

a second porous member substantially encapsulating the first porous member.--

-- 43. Apparatus for selectively varying the environmental temperature of a vehicle seat comprising:

a support member in the seat in the form of a resilient cushion, wherein the support member includes:

an air flow channel integral with the support member and extending therethrough from a bottom surface to a top surface of the support member, wherein the air flow channel has an inlet at the bottom surface for receiving temperature conditioned air, and an outlet at the top surface for dispensing temperature conditioned air;

at least one air subchannel integral with and extending along the top surface of the support member; and

an air manifold integral with and extending along the top outer surface of the support member between the air flow channel outlet and the air subchannel for dispersing temperature conditioned air from the air flow channel to the air subchannel; and

a flexible porous member disposed over the top surface of the support member and having an interface with the air subchannel; and

a flexible seat cover substantially encapsulating an outer surface of the flexible porous member.--

-- 6~~44~~. The apparatus as recited in claim 5~~43~~ wherein the resilient cushion can be selected from the group of materials consisting of cellular spongy material, foam, and fiberglass reinforced plastic.--

-- 7~~45~~. The apparatus as recited in claim 5~~43~~ wherein the flexible porous member comprises:

a first porous member substantially covering the top surface of the support member and having an interface with the air subchannels; and

a second porous member substantially encapsulating the first porous member.--

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-- ~~46.~~ 8. A method for selectively varying the environmental temperature of a vehicle seat comprising the steps of:

routing temperature conditioned air from an air inlet to an air outlet of an air flow channel extending through a support member of the seat;

distributing temperature conditioned air from the air outlet along a top surface of the support member through at least one air subchannel disposed within the top surface;

passing temperature conditioned air from the air subchannels through a porous member disposed adjacent the outer surface, and then to a seat covering disposed adjacent the porous member.--

-- ~~47.~~ 9. A method as recited in claim ~~46~~ 8 wherein the temperature conditioned air is routed from a bottom surface of the support member to a top surface of the support member.--

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